Amendments to the Claims

1. (Original) An inter-domain mobility management method, comprising:

    (a) a mobile H.323.entity communicating information related to the mobile entity with a first gatekeeper in a first administration domain;

    (b) said first gatekeeper being unable to verify information on said mobile H.323 entity and sending information to a first border element within said first administration domain;

    (c) said first border element communicating information with a second border element in a second administrative domain to resolve said information related to the mobile entity;

    (d) said second border element communicates back with said first border element with information to resolve said information related to the mobile entity;

    (e) said second border element accepting said resolved information related to the mobile entity and communicates said information with said mobile H.323 entity via said first gatekeeper.

2. (Original) The method of claim 1 wherein said information received by said first gatekeeper is transferred to a second gatekeeper within said first administrative domain.

3. (Original) The method of claim 1 wherein said second administrative domain is the home administrative domain for said mobile H.323 entity.

4. (Original) The method of claim 1 wherein said first administrative domain is a serving, visiting, visited or foreign administrative domain for said mobile H.323 entity.

5. (Original) The method of claim 1 wherein said first gatekeeper requests said information related to the mobile entity to register, authenticate, verify, resolve, allocate resources to said mobile H.323 entity.

6. (Original) An inter-domain mobility management method, comprising:

(a) a mobile H.323 entity communicating information related to the mobile entity with a first gatekeeper in a first administrative domain having a first backend services;

(b) said first gatekeeper being unable to verify information on said mobile H.323 entity and sending information to a first border element within said first administrative domain;

(c) said first border element communicating information with a second border element in a second administrative domain to resolve said information related to the mobile entity;

(d) said second border element obtains information from a second backend services in said second administrative domain and communicates back with said first border element with information to resolve said information related to the mobile entity;

(e) said second border element accepting said resolved information related to the mobile entity and communicates said information with said mobile H.323 entity via said first gatekeeper.

7.   (Original) The method of claim 6 wherein said information received by said first gatekeeper is transferred to a second gatekeeper within said first administrative domain.

8.   (Original) The method of claim 6 wherein said second administrative domain is the home administrative domain for said mobile H.323 entity.

9.   (Original) The method of claim 6 wherein said first administrative domain is a serving, visiting, visited or foreign administrative domain for said mobile H.323 entity.

10.   (Original) The method of claim 6 wherein said first gatekeeper requests said information related to the mobile entity to register, authenticate, verify, resolve, allocate resources to said mobile H.323 entity.

11.   (Original) The method of claim 6, wherein information obtained from said second backend services is stored within said first backend services.

12. (Original) The method of claim 6 wherein information obtained from said second backend services is stored within said first backend services and wherein subsequently said first backend services provides home location functions.

13 (Original) The method of claim 6 wherein information obtained from said second backend services is stored within said first backend services and wherein subsequently said first backend services provides home location functions, and wherein said home location functions provides services selected from a group consisting of address, registration, verification, resolution, allocation and authentication.

14. (Original) An inter-domain mobility management method, comprising:

(a) a mobile H.323.entity communicating information related to the mobile entity with a first gatekeeper in a first administration domain having a first backend services;

(b) said first gatekeeper being unable to verify information on said mobile H.323 entity and sending information to a first border element within said first administration domain;

(c) said first border element communicating information with a first backend services to resolve said information related to the mobile entity, wherein said first backend services is shared with both said first administrative domain and a second administrative domain;

(d) said second border element obtains information from said first backend services in said first and said second administrative domain and communicates it back to said first border element with information to resolve said information related to the mobile entity;

(e) said second border element accepting said resolved information related to the mobile entity and communicates said information with said mobile H.323 entity via said first gatekeeper.

15 (Original) The method of claim 14 wherein said information received by said first gatekeeper is transferred to a second gatekeeper within said first administrative domain.

16.   (Original) The method of claim 14 wherein said second administrative domain is the home   administrative domain for said mobile H.323 entity.

17.   (Original) The method of claim 14 wherein said first administrative domain is a serving, visiting, visited or foreign administrative domain for said mobile H.323 entity.

18.   (Original) The method of claim 14 wherein said first gatekeeper requests said information related to the mobile entity to register, authenticate, verify, resolve, allocate resources to said mobile H.323 entity.

19.   (Original) The method of claim 14 wherein a mobile H.323 entity in said first administrative domain communicates with said first backend services.

20.   (Original) An inter-domain mobility management method, comprising:

(a) a mobile H.323.entity communicating information related to the mobile entity with a first gatekeeper in a first administration domain having a first backend services;

(b) said first gatekeeper being unable to verify information on said mobile H.323 entity and sending information to a first border element within said first administration domain;

(c) said first border element communicating information with a second border element in a second administrative domain to resolve said information related to the mobile entity;

(d) said second border element obtains information from a second backend services in said second administrative domain via at least one gatekeeper in said second administrative domain and communicates back with said first border element with information to resolve said information related to the mobile entity;

(e) said second border element accepting said resolved information related to the mobile entity and communicates said information with said mobile H.323 entity via said first gatekeeper.

21. (Original) The method of claim 20 wherein said information received by said first gatekeeper is transferred to a second gatekeeper within said first administrative domain.

22. (Original) The method of claim 20 wherein said second administrative domain is the home administrative domain for said mobile H.323 entity.

23. (Original) The method of claim 20 wherein said first administrative domain is a serving, visiting, visited or foreign administrative domain for said mobile H.323 entity.

24. (Original) The method of claim 20 wherein said fist gatekeeper requests said information related to the mobile entity to register, authenticate, verify, resolve, allocate resources to said mobile H.323 entity.

25. (Original) An inter-domain mobility management method, comprising:

(a) a mobile H.323.entity communicating information related to the mobile entity with a first gatekeeper in a first administration domain having a first location function;

(b) said first gatekeeper being unable to verify information on said mobile H.323 entity and sending information to a first border element within said first administration domain;

(c) said first border element communicating information with a second border element in a second administrative domain to resolve said information related to the mobile entity;

(d) said second border element obtains information from a second home location function in said second administrative domain and communicates back with said first border element with information to resolve said information related to the mobile entity;

(e) said second border element accepting said resolved information related to the mobile entity and communicates said information with said mobile H.323 entity via said first gatekeeper.

26.   (Original) The method of claim 25 wherein said information received by said first gatekeeper is transferred to a second gatekeeper within said first administrative domain.

27.   (Original) The method of claim 25 wherein said second administrative domain is the home administrative domain for said mobile H.323 entity.

28.   (Original) The method of claim 25 wherein said first administrative domain is a serving, visiting, visited or foreign administrative domain for said mobile H.323 entity.

29.   (Original) The method of claim 25 wherein said first gatekeeper requests said information related to the mobile entity to register, authenticate, verify, resolve, allocate resources to said mobile H.323 entity.

30.   (Original) The method of claim 25 wherein information obtained from said second home location function is stored within said first home location function.

31.   (Original) The method of claim 25 wherein information obtained from said second home location function is stored within said first home location function and wherein subsequently said first home location function provides home location functions.

32.   (Original) The method of claim 25 wherein information obtained from said second home   location function is stored within said first home location function and wherein subsequently said first home location function provides home location functions, and wherein said home location functions provides services selected from a group consisting of address, registration, verification, resolution, allocation and authentication.

33.   (Original) An inter-domain mobility management method, comprising:

(a) a mobile H.323.entity communicating information related to the mobile entity with a first gatekeeper in a first administration domain having a first location function;

(b) said first gatekeeper being unable to verify information on said mobile H.323 entity and sending information to a first border element within said first administration domain;

(c) said first border element communicating information with a second border element in a second administrative domain to resolve said information related to the mobile entity;

(d) said second border element obtains information from a second home location function in said second administrative domain via at least one gatekeeper in said second administrative domain and communicates back with said first border with information to resolve said information related to the mobile entity;

(e) said second border element accepting said resolved information related to the mobile entity and communicates said information with said mobile H.323 entity via said first gatekeeper.

34.   (Original) The method of claim 33 wherein said information received by said first gatekeeper is transferred to a second gatekeeper within said first administrative domain.

35.   (Original) The method of claim 33 wherein said second administrative domain is the home administrative domain for said mobile H.323 entity.

36.   (Original) The method of claim 33 wherein said first administrative domain is a serving, visiting, visited or foreign administrative domain for said mobile H.323 entity.

37.   (Original) The method of claim 33 wherein said first gatekeeper requests said information to the mobile entity to o register, authenticate, verify, resolve, allocate resources to said mobile H.323 entity.

38.   (Original) The method of claim 33 wherein information obtained from said second home location function is stored within said first home location function.

39.   (Original) The method of claim 33 wherein information obtained from said second home location is stored within said first home location function and wherein subsequently said first home location function provides home location functions.

40.   (Original) The method of claim 33 wherein information obtained from said second home location function is stored within said first home location function and wherein subsequently said first home location function provides home location functions, and wherein said home location functions provides services selected from a group consisting of address, registration, verification, resolution, allocation and authentication.

Claims 41 – 62 (Canceled)